

IN THE CLAIMS

Please cancel claims 1 through 15.

Please add new claims 19 through 37 as follows:

- Sub B1*
19. (New) A method of generating multiple images of a patient using an imaging device, comprising:
- introducing a contrast material into said patient;
 - loading a plurality of parameter sets into said imaging device, each of the plurality containing at least one parameter that corresponds to one of said multiple images;
 - retrieving a first parameter set from the plurality of parameter sets;
 - collecting first image data of a first view of said patient according to the first parameter set;
 - stopping the collecting first image data for a delay period;
 - retrieving a second parameter set from the plurality of parameter sets;
 - collecting second image data of a second view of said patient according to the second parameter set; and
 - processing the first and second image data to produce said multiple images of said patient.
- A2*

20. (New) The method of claim 19, further comprising manipulating said imaging device based on the second parameter set prior to collecting the second image data.

21. (New) The method of claim 20, wherein said imaging device includes a drive device for moving an examination table on which said patient rests; and

wherein the manipulating said image device comprises moving said examination table via the drive device.

22. (New) The method of claim 19, wherein the first view comprises a view of a first location on said patient and the second view comprises a view of a second location on said patient.

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23. (New) The method of claim 19, wherein the first view comprises a view from a first orientation of a location on said patient and the second view comprises a view from a second orientation of the location on said patient.

24. (New) The method of claim 19, wherein the delay period comprises a duration of time sufficiently long enough for said patient to exhale and inhale.

25. (New) The method of claim 24, wherein the delay period is between approximately 6.8 and 8.0 seconds.

26. (New) The method of claim 24, further comprising providing a stimulus to said patient to exhale and inhale during the delay period.

27. (New) The method of claim 26, wherein the stimulus comprises a visual stimulus.

28. (New) The method of claim 26, wherein the stimulus comprises an audible stimulus.

29. (New) A method of generating multiple images of a patient using an imaging device, comprising:

introducing a contrast material into said patient;

loading a plurality of parameter sets into said imaging device, each of the plurality containing at least one parameter that corresponds to one of said multiple images;

indexing said imaging device to a first parameter set in the plurality;

collecting first image data;

stopping the collecting first image data for a delay period;

sequentially indexing said imaging device to each parameter set in the plurality, collecting further image data for each parameter set; and

processing the first and further image data to produce said multiple images of said patient.

30. (New) The method of claim 29, wherein the delay period comprises a duration of time sufficiently long enough for said patient to exhale and inhale.

31. (New) The method of claim 30, wherein the delay period is between approximately 6.8 and 8.0 seconds.

32. (New) The method of claim 30, further comprising providing a stimulus to said patient to exhale and inhale during the delay period.

33. (New) The method of claim 32, wherein the stimulus comprises a visual stimulus.

AL 34. (New) The method of claim 32, wherein the stimulus comprises an audible stimulus.

Sub 33 35. (New) A method of generating multiple images of a patient using an imaging device, comprising:

loading a plurality of parameter sets into said imaging device; each of the plurality containing at least one parameter that corresponds to one of said multiple images;

sequentially collecting image data of said patient by sequentially advancing through the parameter sets;

stopping the collecting image data for a delay period between each parameter set; and

processing the image data to produce said multiple images of said patient.